3/5/2012 Mon Mar 05 15:07:48 2012 x:\007248\007248GNO1.DGN STATE PROJECT NUMBER SHEET NO. | TOTAL SHEETS slasseter \\gdot-dsni\gocfg\resources\Gdot2007_Kip.tbl CSBRG-0<mark>007-00(248)</mark> 4 GENERAL NOTES: SIGNING & MARKING: I. ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN I. THERE IS NO SUITABLE PLACE TO BURY THE EXISTING BRIDGE / CONSTRUCTION ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE MANUAL ON UNIFORM DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA STANDARD ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF THE EXISTING BRIDGE / SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS. CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT. 2. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS CORR.POLY- | POLY VINYL | POLY VINYL 2. A N.O.I. IS REQUIRED FOR THIS PROJECT. INST ALLATION ETHYLENE CHLORIDE CHLORIDE SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT PLAIN POLY-**SMOOTHED** (PVC) COATED UNCOATED ETHYLENE ZINC (TYPE 2) UNED PROFILE CORRUGATE EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE 3. COUNTY RD 226/BURKE RD SHALL BE CLOSED DURING CONSTRUCTION. COATED ALUMINUM AASHT0 AASHT0 WALL SMOOTH PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC SEMINOLE COUNTY WILL BE RESPONSIBLE FOR THE PROJECT DETOUR. M-252 M-294 AASHTO INTERIOR STEEL TYPE "S" M-304 ASTM F-949 OPERATIONS. LONGIT UDIN AL 3. ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE 4. ALL BORROW, STOCKPILE AND WASTE SITES FOR THIS PROJECT SHALL BE INTERSTATE AND TRAVEL BEARING THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY, ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES. ALL LONGITUDINAL NON-COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT 4b. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON ALL OTHER ROADWAYS INTERSTATE AND NON-SHALL BE 6 FEET FROM THE EDGE OF THE PAVED SHOULDER OR 12 FEET FROM THE OF WAY SHALL BE PLACED EITHER IN A PERMITTED SOLID WASTE FACILITY. A TRAVEL BEARING NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S). WHICHEVER IS PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL. ADT < 250 GREATER. THE HORIZONTAL CLEARANCE IN NON-MOUNTABLE CURB SECTIONS SHALL BE AT LEAST 2 FEET FROM THE CURB FACE TO THE NEARER EDGE OF THE SIGN(S). 5. ALL PERMANENT SAFETY FEATURES SHALL BE FULLY INSTALLED AND 250 < ADT 4c. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS MOUNTED BEHIND GUARD OPERATIONAL BEFORE THE ROADWAY IS OPEN TO TRAFFIC. ALL 0 GRADE RAIL SHALL BE 6 FEET FROM THE FACE OF THE GUARD RAIL TO THE NEARER PAVING OPERATIONS SHALL BE COMPLETE AND PERMANENT (10% 1,500 < ADT EDGE OF THE SIGN(S). PAVING MARKINGS, WORDS, AND SYMBOLS SHALL BE IN PLACE. < 15,000 5. SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH TWO EACH 2 INCH x 1/2 INCH x (WIDTH OF 15,000 SIGN) ALUMINUM OR GALVANIZED STEEL STRAPS. THE STRAPS SHALL BE FLUSH WITH THE BACK OF THE SIGN WITH ONE EACH ACROSS THE TOP AND BOTTOM OF THE SIGN. THE CENTERLINE OF EACH POST SHALL BE INSET 1/6TH OF THE SIGN N GRADE > 10% WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE 3/8 ADT > 250 INCH DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS. 6. EACH 42 OR 48 INCH WIDE x 18 OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED SIDE DRAIN Utilities Protection Center, Inc IN THE CENTER OF THE SIGN AND FLUSH WITH THE BACK OF THE SIGN. NO KNOWN FACILITIES 7. TYPE 4 POST SHALL BE INSTALLED WITH A BREAK AWAY FOOTING. SEE DETAIL PERMANENT SLOPE DRAIN FOR ADDITIONAL INFORMATION ON BREAK AWAY FOOTING DESIGN. Gall before you dig 8. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP PERFORATED UNDERDRAIN FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS. 9. TYPE III (ENCAPSULATED LENS) REFLECTIVE SHEETING SHALL BE USED FOR I. ALLOWABLE MATERIALS ARE INDICATED BY AN "X". ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT 2. STRUCTURAL REQUIREMENTS OF STORM DRAIN PIPE WILL BE IN ACCORDANCE WITH GEORGIA STANDARD AS SPECIFIED BELOW OR SPECIFIED OTHERWISE IN THE PLANS. EITHER CLASS I 1030-D OR 1030-P, WHICHEVER IS APPLICABLE, AND THE STANDARD SPECIFICATIONS. GRADED AGGREGATE BACKFILL SHALL BE USED IN CROSS DRAIN APPLICATIONS FOR ALL PLASTIC PIPES OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE. WHERE THE EMBANKMENT IS TO PLACED ON A HILLSID OR ANOTHER EXISTING EMBANKMENT HAVING A SLOPE OF 3 TO I OR STEEPER, THE FOUNDATION MUST BE BENCHED WHILE THE EMBANKMENT IS BEING MADE. (SEE DIAGRAM ABOVE) (AASHTO M-294, HDPE PIPE; AASHTO M-304, PVC PIPE; ASTM F-949, PVC PIPE). 10. TYPE IX (WIDE ANGLE PRISMATIC) REFLECTIVE SHEETING SHALL BE USED FOR ALL CROSS DRAIN AND STORM DRAIN PIPE: UNLESS NOTED OTHERWISE IN THE PLANS, THE PIPE SIZES SECIFIED FOR CROSS DRAIN PIPE ARE BASED RED SERIES SIGNS (RI-1, RI-2, RI-3A, RI-4A, R5-1, R5-1A). ON A MANNING'S "N" DESIGN VALUE OF O.012. ALTERNATE PIPE MATERIALS WITH MANNING'S N DESIGN VALUES LESS THAN OR EQUAL TO O.012 MAY BE USED AS NOTED IN THE ALLOWABLE PIPE MATERIALS CHART II. TYPE IX (WIDE ANGLE PRISMATIC) FLUORESCENT YELLOW GREEN REFLECTIVE SHEETING THE DIAGRAM SHOWS THAT BEFORE LAYER "A" IS PLACED
THE FIRST STEP (I) IS CUT INTO THE THE SLOPE A MAXIMUM
DISTANCE OF ABOUT 8 FEET (ABOUT % THE WIDTH OF THE
TYPICAL D-8 BULLDOZER BLADE) SUCCESSIVE LAYERS B, C,
AND D ARE THEN PLACED BEFORE LAYER "E" IS PLACED.
THE SECOND STEP IS CUT 8 FEET INTO THE SLOPE AND THE CONTRACTOR MAY, AT HIS OWN EXPENSE, SUBMIT OTHER DESIGNS CONSIDERING ALTERNATE PIPE MATERIALS WITH MANNING'S N DESIGN VALUES GREATER THAN 0.012 TO THE PROJECT ENGINEER FOR APPROVAL. THE SUBMITTED DESIGNS SHALL BE STAMPED AND SEALED BY A QUALIFIED PROFESSIONAL ENGINEER. SHALL BE USED FOR SCHOOL ZONE (SI-I, S2-I, S3-I, S4-3, AND THE TOP PORTION OF THE S5-1) SIGNS, BICYCLE CROSSING (WII-I) SIGNS, AND PEDESTRIAN CROSSING STEP 3 (WII-2 AND WIIA-2) SIGNS. SIGNS WITHIN THE SAME ASSEMBLY AS THE SCHOOL ZONE SIDE DRAIN PIPE AND UNDER DRAIN PIPE:
ALTERNATE PIPE MATERIALS MAY BE USED AS NOTED IN THE ALLOWABLE PIPE MATERIALS CHART. SIDE DRAIN
PIPE IS NORMALLY DESIGNED USING A MANNING'S N VALUE FOR CORRUGATED METAL PIPE. SUBMISSION OF
ALTERNATE DESIGNS WITH LESSER FRICTION COEFFICIENTS IS NOT REQUIRED. SIGNS SPECIFICALLY LISTED ABOVE AND ALL REGULATORY SIGNS PLACED AS PART OF SUCCESSIVE LAYERS ARE AGAIN PLACED. IF IT IS ANTICIPATED THAT THE VERTICAL PART OF THE STEP STEP 2 THE SCHOOL ZONE SIGNING SHALL HAVE TYPE VI (WIDE ANGLE PRISMATIC) REFLECTIVE WILL EXCEED 4 FEET IF A 8 FEET HORIZONTAL CUT IS MADE, THEN THE ACTUAL CUT STOPS WHEN THE VERTICAL PART REACHES A MAXIMUM OF 4 FEET ALLOWING THE SHEETING BACKGROUNDS OF THE APPROPRIATE COLOR. STEP I 12. A 1/2 INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES HORIZONTAL DISTANCE TO VARY. WITHIN AN ASSEMBLY. THE PROCESS OF BENCHING IS CONSIDERED INCIDENTAL TO THE ITEM OF UNCLASSIFIED EXCAVATION AND BORROW OR MAX. MAX. 13. WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES GRADING COMPLETE IN CONSTRUCTION OF THE EMBANKEMENT AND NO ADDITIONAL MEASUREMENT OF QUANTITY OR PAYMENT WILL BE ON THE POST(S), ADDITIONAL 3/8 INCH DIAMETER HOLE(S), DRILLED OR BENCHING DETAIL MADE FOR BENCHING. PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY. 14. FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OF MISCELLANEOUS SIGNS. ENVIRONMENTAL RESOURCES IMPACT TABLE: I5. CONTRACTOR WILL, AS REQUESTED BY THE ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS. COMMENTS INCLUDING LOCATION SPECIAL RESOURCE NAME/TYPE CONSTRUCTION ACTIVITY PERMITTED ACTIVITY CONTROLLING CRITERIA ANY PERMIT PROVISION? ENDING STA BEGINNING STA EXPIRATION DATES ORANGE BARRIER FENCE SHALL BE PLACED AS SHOWN ON PLANS PRIOR TO CLEARING & GRUBBING. NO CLEARING SHALL OCCUR OUTSIDE OF ORANGE BARRIER FENCE. O. 075 ACRES OF PERMANENT **BOTH** WETLAND IMPACT AND 1.62 | SECTION 404/REGIONAL PERMIT 96 WETLAND I 112+00.00 125+50.00 ROADWAY CONSTRUCTION ACRES OF TEMP. IMPACT BRIDGE SHOULD BE PHOTOGRAPHED USING MEDIUM FORMAT PHOTOGRAPHY PER STANDARDS AGREED UPON BETWEEN GDOT & SHPO. SUBMIT TO SHPO FOR ACCEPTANCE&RETENTION. BRIDGE* 253-5018-0 117+00.00 B0TH 119+00.00 EXISTING BRIDGE REMOVAL *PHOTOGRAPHY/HISTORY* PERMANENT ARCHIVAL RECORD REFER TO SPECIAL PROVISION 107.23G FOR EXCLUSIONARY DATES AND CONTACT INFORMATION. REFER TO SPECIAL PROTECTED SPECIES 107.23G 117+00.00 EXISTING BRIDGE REMOVAL MIGRATORY BIRD TREATY ACT 119+00.00 PROVISION 107.23G REVISION DATES STATE OF GEORGIA **GEORGIA** DEPARTMENT OF TRANSPORTATION OFFICE: DISTRICT 4 **DEPARTMENT** GENERAL NOTES

TRANSPORTATION

DRAWING No.

4-001

CR 226 / BURKE RD

d@ Fishpond drain